

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SAKAMOTO, A., et al.

Appl. No.: PCT/JP00/00035

Filed: January 7, 2000

5 Title: HEATER WIRE FOR DEVICE SUCH AS IMPULSE SEALER

Art Unit: Unknown

Examiner: Unknown

Docket No.: 0112895-005

#3/a

10 Assistant Commissioner for Patents  
Washington, DC 20231

Y. Geron  
#3/Pre  
amendment  
9/19/2000

PRELIMINARY AMENDMENT

Sir:

15 Please amend the above-identified patent application as follows:

In the Specification:

SPECIFICATION

TITLE OF INVENTION

20 HEATER WIRE FOR DEVICE SUCH AS IMPULSE SEALER

BACKGROUND OF THE INVENTION

The present invention relates to an impulse sealer, a book binding machine and a laminator which thermally melts and adheres material such as polyethylene.

Background Art

25 An impulse heat sealer causes a current of 8-15A to flow through a heater wire having a width of about 2-5mm, heats the heater wire to about 150°C for a short period of time, about one second, and melts and adheres polyethylene and thermally meltable resin. With regard to the heater wire, a heat generating portion therefor uses a narrow width wire member having a high electrical resistance such as iron chromium and  
30 nichrome, and an electrode portion which requires no heat generation uses such as a

BT  
B1